IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yusuke SHIOTA et al.

Serial No. NEW : Attn: APPLICATION BRANCH

Filed July 10, 2003 : Attorney Docket No. 2003 0948

CATALYST FOR TREATING WASTE WATER, METHOD FOR PREPARING THE SAME AND PROCESS FOR TREATING WASTE WATER (Rule 1.53(b) Divisional of Serial No. 09/753,682, Filed January 4, 2001)

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of [X] the references listed on attached forms PTO-1449 and/or [] the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. 09/753,682.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b.		This Inf	ormation	Disclosure	Statement	is	submitted
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after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. [] that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.
- 3. [] Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, is made to:								
	a.	[]	a full or partial English language translation submitted herewith,					
	b.		a foreign patent office search report (in the English language) submitted herewith,					
	c.	the concise explanation contained in the specification of the present application at page,						
	d.	[]	the concise explanation set forth in the attached English language abstract,					
e. [] the concise explanation set forth below or on a separate sheet attached reference:								
5. [] A foreign patent office search report citing one or more of the references is enclose								
			Respectfully submitted,					
			Yusuke SHIOTA et al.					
			Warren M. Cheek, Jr. Registration No. 33,367 Attorney for Applicants					
WMC/a	abm	1						

WMC/abm Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 July 10, 2003

Sheet 1 of 2										
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE				ATTY DOCKET NO. 2003_0948	SERIAL NEW	SERIAL NO. NEW				
LIST O	F REFERENC	D TRADEMARK OFFIC		APPLICANT Yusuke SHIOTA et al.						
	(Use several sheets if necessary) Date Submitted to PTO: July 10, 2003			FILING DATE July 10, 2003						
			<u>U</u>	.S. PATENT DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DA			
	AA	5,110,779	5/1992	Hucul	502	185				
	АВ	4,683,065	7/1987	Sheikh	210	668				
	AC	5,770,093	6/1998	Shiota et al.	210	762				
	AD	4,361,500	11/1982	Mathe et al.	252	430				
	AE	5,552,063	9/1996	Yan	210	763				
	AF	5,362,405	11/1994	Birbara et al.	210	763				
	AG									
	АН									
	AI							1		
			FOR	EIGN PATENT DOCUMENTS						
		DOCUMENT DATE COUNTRY CLASS SUBCLASS					TRANSLATION YES NO			
	AJ	0 913 193	5/1999	EP						
	AK	0 399 302	11/1990	EP						
	AL	0 330 627	8/1989	EP						
	АМ	0 514 177	11/92	EP						
	AN	2 043 045	10/1980	GB						
		OTHER I	DOCUMENT(S) (Inc	cluding Author, Title, Date, Pertir	nent Pages, Etc.)					
	AO									
	AP									
	AQ									
EXAMINER				DATE CONSIDERED						

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2										
FORM PTO 1449 (TMENT OF COMMERC	°F	ATTY DOCKET NO. 2003_0948		SERIAL NO. NEW				
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)				APPLICANT Yusuke SHIOTA et al.						
		eral sheets if necessary) ed to PTO: July 10, 20	003	FILING DATE July 10, 2003						
			U.	.S. PATENT DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	Cſ	LASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AA	5,214,014	5/1993	Yoshimoto et al.						
	АВ	5,110,779	5/1992	Hucul						
	AG	6,051,198	4/2000	Sano et al.						
	AD	6,149,820	11/2000	Pedersen						
	AE	5,620,610	4/1997	lshii et al.						
	AF	6,168,775	1/2001	Zhou et al.						
	AG	6,159,896	12/2000	Zoeller et al.						
	АН	5,149,680	9/1992	Kitson et al.					·	
	AI									
	,		FORE	EIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CL.	ASS	SUBCLASS	TRANSLA YES	ATION NO	
	AJ	9-155364	6/1997	Japan		-		Abstract		
	AK	9-253696	9/1997	Japan				Abstract		
	AL	6-47101	2/1994	Japan				Abstract		
	АМ									
	AN									
		OTHER D	OCUMENT(S) (Inc	cluding Author, Title, Date, Pertin	nent Page:	s, Etc.)				
	AO									
	АР									
	AQ									
EXAMINER				DATE CONSIDERE	 ED					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.